Water Purification System - Quick User Guide (Model:AB9001) EN-V6

This product is designed for 4-6 persons family use only, not for commercial or industrial use.

Usage & Method	"Energy Water A"	"Calcium-Ion Water B"
Drinking	**Drink Directly Recommended**	**Drink Directly Recommended**
	Can Heat and Drink (Suggested 1:1 heated & direct Water A; Heated at max. 70℃, otherwise affects anti-oxidation function)	**SHOULD NOT Heat and Drink (Solidified Calcium-Ions will be created if heated)**
	> Suggested to drink a glass of 8:2 AB Water in the early morning (means 8 parts of "Energy Water A" : 2 parts of "Calcium-Ion Water B") ***Can add some lemon juice or fruit vinegar to eliminate bitterness and other unpleasant tastes *** **> Drink "Energy Water A" for the rest of the day**	
Tea or Coffee	**Use "Energy Water A" Only**	**DO NOT Use "Calcium-Ion Water B"**
Taking Medicine	**Use "Energy Water A" Only**	**Drink "Calcium-Ion Water B" 2 Hours Before and After Medication**
Prevent Alcoholism	**Add "Energy Water A" directly into alcohol**	**Drink "Calcium-Ion Water B" Before and After Taking Alcohol**
Washing Vegetables, Fruits, Meat, Fish	**1. Use tap water to rinse them once in order to remove obvious dirt;** **2. Use Water A and soak for 2-5 minutes;** **3. Use de-chlorinated tap water to final rinse them.** *****"Energy Water A" alone can effectively remove pesticides and antibiotics from vegetables, fruits and meat already. Please avoid using "Calcium-Ion Water B" for cleaning. Otherwise, "Calcium-Ion Water B" cannot be sufficiently produced for drinking as Calcium-Ions are produced naturally and slowly, and, this may lead to quick exhaustion of filter as well.	
Feeding Pets	**Use "Energy Water A"**	
Watering Plants	**Use "Energy Water A"**	
Brushing Teeth	**Use 8:2 AB Water** (means 8 part of "Energy Water A" : 2 part of "Calcium-Ion Water B")	
Spraying Skin	**Use 1:1 AB Water**	

Please go to www.activ-balance.com to obtain more information about AB9 products and updated Health News.

- If do not use the product for more than 2 days, switch off the water source to avoid unexpected high pressure from main water supply during idling period. To resume, drain the "Energy Water A" for several minutes until water coming out is stable, transparent and clean. Then drain the "Calcium-Ion Water B" for 10 seconds. The product is ready to use again.
- Proper intake pressure for the product is 25-40psi. If a booster pump is required for your family due to other reason, a pressure reducing valve should be added. This product is designed for family use only, not suitable for commercial and industrial use.
- Upon product malfunction or leakage, switch off the water source and contact the local AB9 Authorized Dealer for service.
- When cleaning the product, do not use volatile solvent such as soap, detergent, thinning agent, gasoline, alcohol, or fissures as scratches or discoloring might be caused.
- Product will stop working when reaching ~5600 Liters water production to remind a replacement of filters. Contact the local AB9 Authorized Dealer for service and filters replacement. Additional charges may incur. Or refer to User Manual for Self-Inspection and Problem Solving in advance.
- If water supply is suspended in your area, switch off the water source. When water resumes, use other faucet to drain the water until the water is clean and water pressure is stable to avoid mud, sand and other impurities going into the product.
- For users who do not use "Calcium-Ion Water B" as frequent, it is suggested to drain the Faucet B for at least 30 seconds every week to avoid oxidized and solidified Calcium-Ion residues remain inside the product.
- It is normal that some little sound and vibration may occur when water is being processed.
- If the product is being moved, Leakage Control Water Cut-Off Device, white in color, may take effect to stop water flowing into the product. Please inspect the product to see if any leakage occurs. Otherwise, reset the switch to resume the product operation.
- Use original filters and accessories from the local AB9 Authorized Dealer to ensure water output quality.

Installation and User Q&A

Q：Why black impurities appear when the product is newly installed?

A：This is normal as food-grade Activated Carbons are used in the product. Please drain "Energy Water A" for 10-20 minutes upon the product is newly installed, until the water coming out is clear and clean. Then drain Water B for 3 minutes. The product is ready to use.

Q：How frequent do I need to do the backwashing?

A：Suggested to backwash the Ultrafiltration filter once or twice a month for 30 seconds each time. Please see instruction.

Q：How is the negative ORP (Oxidation Reduction Potential) value if the AB9 water is boiled?

A：ORP value of water will rise upon heating, it depends on what the temperature is and how long it is heated. Suggested to heat the "Energy Water A" (Only) not exceeding 70℃. If so, ORP can also be kept at negative value. Avoid exposing AB9 water to direct sunlight in order to maintain its anti-oxidation function.

Q：Why bubbles are less or "Calcium-Ion Water B" turns tasteless? Any problem with my machine?

A：Natural materials & contents are used for this product. These are affected by the frequency of use, outside temperature, the physiological state of users, etc.. It is recommended to do an Iodine test for "Calcium-Ion Water B" in the early morning. If it can neutralize the Iodine, means the product is still functioning well. And do not use too much "Calcium-Ion Water B" for washing.

Q: What kind of container should I use for holding AB9 water?

A: The best materials are glass and white ceramic. For plastic containers, PP and HDPE are the best. A new material, Tritan, is also a good choice at the moment, and which is commonly available in the market. Please do not use any PET and metal container for holding AB9 water.

Q：Why are there some dark grey color impurities in my metal container after holding "Calcium-Ion Water B"?

A：Minerals inside Calcium-Ion Water can be able to detoxify your body and remove heavy metals by decomposing them. Aluminum is a common composition used for this kind of metal container. They are decomposed when coming into contact with AB9 Calcium-Ion Water. Please avoid using metal containers. The only metal container can be used is Grade 304 or above stainless steel container.

Q: A thin white layer appears on my container and on the surface of kitchen basin a period after I use AB9. Why?

A: This is normal and they are oxidized calcium. You can use diluted vinegar to clean them. Moreover, milky deposits of oxidized calcium may appear from time to time. This is caused when calcium ions come into contact with water and oxygen at the same time. Sometimes, due to some other environmental reasons, such as periodical water tank cleaning of your building, air / air bubbles may go into the water pipe then into the product, oxidized calcium deposit may then appear in the water. In this case, please just discard this portion of water, though which is not harmful to your health.

Q：The water coming out from the machine is slow, any method to improve it?

A：This product does not require electricity and depends on tap water pressure to produce AB9 Water. If required, a booster pump can be added, however, please observe the pressure limit as stated in the User Manual.

Q：How long should I replace the filters?

A：Filters' lifespans are different, please refer to User Manual. Volume Control Water Cut-Off Device will take effect to cut off water supply once ~5600 Liters of water has been produced, reminding filters replacement is required. Please contact the local AB9 Authorized Dealer for service. It also depends on the quality of water source too.

Q：Water turns yellow or other colors after washing vegetables, fruits, meats or rice, is it normal?

A：It is normal as AB9 water can decompose chemicals such as pesticides and antibiotics, but all nutrients remain.

Q：Why does someone say we cannot take too much calcium, otherwise may cause bladder stone?

A：This is not a truth saying that bladder stones are caused by taking too much calcium. Whereas, it is caused by taking too much acidic food, like meat, soft drinks, alcohol, and calcium compound supplements. If too much acidic food is taken, human body will draw calcium, which is highly alkaline ranging from pH10-14, to neutralize acidic blood and maintain a normal blood pH at pH7.35-7.45 level. This is why osteoporosis comes for people even at age as early as 30s, which is much earlier than our old time which is 60-70 at age. Bladder stones are resulted when too much body calcium released for neutralizing acidic blood, excess calcium cannot be expelled by the body as it is its own calcium. However, human body would not absorb excess intake calcium when enough calcium is being taken. Calcium-Ions are crucially important to our health. Moreover, there are several types of calcium source, namely oyster shell, coral pearl and ocean pearl. Oyster shell type is much cheaper, but difficult to quality-control and have been found to show levels of lead toxins. Ocean pearl calcium-ions are used in AB9 products.

Q：Why Ultrafiltration Membrane (UM) filter is used in AB9 product?

A: UM is the best of the best filtration technology from Japan. It can filter out most of the bacteria, viruses and heavy metals. Periodical practice of our patented backwash device, the lifespan of this filter can be enhanced to 3-5 years from its original 1 year lifespan.